

ABSTRACT OF THE DISCLOSURE

Fluctuations, such as perturbations in the quality of the extract and/or raffinate streams removed from the circuit in a simulated moving bed (SMB) adsorptive process having at least one discrete non-separating section are eliminated or significantly
5 reduced. This is accomplished by increasing the fluid flow rate in a portion of the circuit in response to the location of a discrete non-separating section and changing the flow rate of at least one stream that is in fluid communication with the circuit consistent with the increased flow rate in the portion of the circuit. Multiple adjustments to the flow rates of the input and/or output streams and multiple increases in the fluid flow rates in portions
10 of the circuit may be used simultaneously when for example there is more than one discrete non-separating section.